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PHILOSOPHICAL  
TRANSACTIONS.

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Monday, Decemb. 4. 1665.

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The Contents.

*Monſieur de Sons progreſs in working Parabolar Glaſſes. Some ſpeculations of Monſieur Auzout concerning the changes, likely to be diſcovered in the Moon. The inſtance of the ſame Perſon to Mr. Hook, for communicating his Contrivance of making with Glaſſes of a few feet Diameter, Telescopes drawing ſeveral hundred feet; together with his Offer of recompenſing that ſecret with another, which teaches, How to meaſure with a Telescope the Diſtances of Objects upon the Earth. The Experiment of Kircher, of preparing a Liquor, that ſhall ſink into, and colour the whole Body of Marble, delivered at length. An Intimation of a Way found in Europe, to make good China-Diſhes. An Account of an odd Spring in Weſtphalia, together with an Information touching Salt-Springs; and a way of ſtraining Salt-water. Of the Riſe and Attempts of a way to convey Liquors immediately into the Maſs of Blood.*

*Of Monſieur de Sons Progreſs in working Parabolar Glaſſes.*

SINCE what was mentioned in the immediately precedent *Tract*, touching Monſieur de Son's noble attempt of grinding Glaſſes of a *Parabolical* Figure, the *Pu bli ſher* of theſe *Papers* hath himſelf ſeen two *Eye-glaſſes* of that ſhape, about one inch & a half deep, and one inch and a quarter broad, wrought by this *Eminent Artiſt* with a rare Steel-inſtrument of his own contrivance and workmanſhip, and by himſelf alſo poliſhed to admiration. And certainly it will be wondred at by thoſe,

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who shall see these Glasses, how they could be truly wrought to such a Figure, with such a Cavity; & yet more, when they shall hear the Author undertake to excavate other such *Eye-Glasses* to above two inches, and *Object-glasses* of five inches *Diameter*. He hath likewise already begun his *Object-glasses* for the mentioned two *Ocular* ones, of the same Figure of about two inches *Diameter*, which are to be left all open, yet without causing any colours. Of all which 'tis hop'd, that shortly a fuller and more particular accompt will be given.

*Monfieur Auzout's Speculations of the Changes, likely to be discovered in the Earth and Moon, by their respective Inhabitants.*

This Inquisitive *Philosopher* in a letter of his, lately written to his correspondent in *London*, takes occasion to discourse of his considerations concerning those Changes, mentioned in the *Title*, as follows;

I have (saith he) sometimes thought upon the *Changes*, which 'tis likely, the supposed Inhabitants of the *Moon* might discover in our *Earth*, to see, whither reciprocally I could observe any such in the *Moon*. For example, methinks, that the *Earth* would to the people of the *Moon* appear to have a different face in the several seasons of the year; and to have another appearance in *Winter*, when there is almost nothing green in a very great part of the *Earth*; when there are Countries all covered with snow, others, all covered with water, others, all obscured with Clouds, and that for many weeks together: Another in *Spring*, when the Forests and Fields are green. Another in *Summer*, when whole Fields are yellow &c. Me thinks, I say, that these changes are considerable enough in the force of the reflexions of Light to be observed, since we see so many differences of Lights in the *Moon*. We have *Rivers* considerable enough to be seen, and they enter far enough  
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